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03-19-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4579-116

First Inventor Forster et al

Title COMMUNICATING WITH STACKABLE OBJECTS USING AN ANTENNA ARRAY

Express Mail Label No. EL855110651US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 13]
5. Oath or Declaration [Total Pages 1]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: _____

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____ / _____
Prior application information: Examiner _____ Group / Art Unit: _____

For **CONTINUATION** or **DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

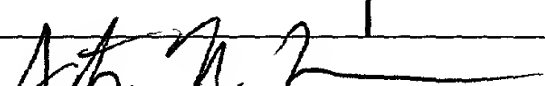
17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Bar code label here)

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Country	Telephone	Fax		

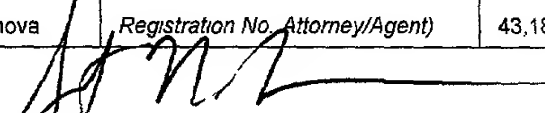
Name (Print/Type)	Steven N. Terranova	Registration No. (Attorney/Agent)	43,185
Signature			Date March 16, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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FEE TRANSMITTAL for FY 2001		Complete if Known		
		Application Number	TBA	
Patent fees are subject to annual revision		Filing Date	March 16, 2001	
		First Named Inventor	Forster et al.	
		Examiner Name	TBA	
		Group / Art Unit	TBA	
TOTAL AMOUNT OF PAYMENT (\$)		1606	Attorney Docket No.	4579-116

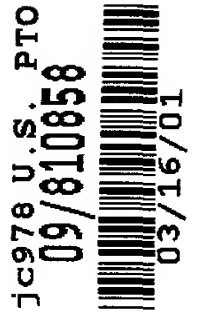
METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: 50-1732 Deposit Account Name: WITHROW & TERRANOVA, PLLC <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		Large Entity Fee Code Fee (\$)	
FEE CALCULATION		Small Entity Fee Code Fee (\$)	
1. BASIC FILING FEE		Fee Description	
Large Entity Fee Code Fee (\$)		Fee Paid	
Small Entity Fee Code Fee (\$)		Fee Description	
101 710 201 355 Utility filing fee		105 130 205 65 Surcharge - late filing fee or oath	
106 320 206 160 Design filing fee		127 50 227 25 Surcharge - late provisional filing fee or cover sheet.	
107 490 207 245 Plant filing fee		139 130 139 130 Non-English specification	
108 710 208 355 Reissue filing fee		147 2,520 147 2,520 For filing a request for reexamination	
114 150 214 75 Provisional filing fee		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
SUBTOTAL (1) (\$ 710)		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
2. EXTRA CLAIM FEES		115 110 215 55 Extension for reply within first month	
Total Claims 52 -20** = 32 X 18 = 576		116 390 216 195 Extension for reply within second month	
Independent Claims 7 -3** = 4 X 80 = 320		117 890 217 445 Extension for reply within third month	
Multiple Dependent X = 0		118 1,390 218 695 Extension for reply within fourth month	
Large Entity Fee Code Fee (\$)		128 1,890 228 945 Extension for reply within fifth month	
Small Entity Fee Code Fee (\$)		119 310 219 155 Notice of Appeal	
103 18 203 9 Claims in excess of 20		120 310 220 155 Filing a brief in support of an appeal	
102 80 202 40 Independent claims in excess of 3		121 270 221 135 Request for oral hearing	
104 270 204 135 Multiple dependent claim, if not paid		138 1,510 138 1,510 Petition to institute a public use proceeding	
109 80 209 40 ** Reissue independent claims over original patent		140 110 240 55 Petition to revive - unavoidable	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent		141 1,240 241 620 Petition to revive - unintentional	
SUBTOTAL (2) (\$ 896)		142 1,240 242 620 Utility issue fee (or reissue)	
**or number previously paid, if greater, For Reissues, see above		143 440 243 220 Design issue fee	
		144 600 244 300 Plant issue fee	
		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional applications	
		126 180 126 180 Submission of Information Disclosure Stmt	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179 710 279 355 Request for Continued Examination (RCE)	
		169 900 169 900 Request for expedited examination of a design application	
		Other fee (specify) _____	
		*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0)	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Steven N. Terranova	Registration No. Attorney/Agent)	43,185
Signature		Telephone	919-654-4520
		Date	3/16/2001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING/EXPRESS MAIL

"Express Mail" Mailing Label Number EL855110651US

Date of Deposit: March 16, 2001

I hereby certify that the enclosed specification and claims for **COMMUNICATING WITH STACKABLE OBJECTS USING AN ANTENNA ARRAY**, drawings, Utility Patent Application Transmittal, Fee Transmittal and duplicate and Declaration form PTO-1449 and our Credit Card Payment Form in the amount of \$ 1606.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Mailed By: Jennifer Garrison
Jennifer Garrison